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UTILITY	Attorney Docket No. 008312-0305980	Y					
PATENT APPLICATION	First Inventor HARUHIKO HORIUCHI	I					
TRANSMITTAL	Title PAPER SHEET TAKE-OUT APPARATU	<u>s</u>					
(Only for new nonprovisional applications under 37 CFR 1.53(b))	Express Mail Label No.	ŧ					
APPLICATIONELEMENTS	ADDRESS TO: Assistant Commissioner for Patents Box Patent Application	10					
See MPEP chapter 600 concerning utility patent application contents.    Ty   Fee Transmittal Form (e.g., PTO/SB/17)	7. CD-ROM or CD-R in duplicate, large table or	$\dashv$					
1. (Submit an original and a duplicate for fee processing)  Applicant claims small entity status.	Computer Program (Appendix)						
2. See 37 CFR 1.27.	<ol> <li>Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)</li> </ol>						
3. X Specification [Total Pages 20]	a. Computer Readable Form (CRF)						
Descriptive title of the invention     Cross Reference to Related Applications	b. Specification Sequence Listing on:						
<ul> <li>Statement Regarding Fed sponsored R &amp; D</li> <li>Reference to sequence listing, a table,</li> </ul>	i. CD-ROM or CD-R (2 copies); or						
or a computer program listing appendix - Background of the Invention	ii paper c. Statements verifying identity of above copies						
- Brief Summary of the Invention	ACCOMPANYING APPLICATION PARTS	_					
- Brief Description of the Drawings (if filed) - Detailed Description	9. X Assignment Papers (cover sheet & document(s))	_					
- Claim(s) - Abstract of the Disclosure	10. X (when there is an assignee)  You will be a substitute of the						
4 X Drawing(s) (35 U.S. C. 113) { Total Sheets 7 ]	11. English Translation Document (if applicable)						
5. Oath or Declaration [Total Pages 2]	12. X Information Disclosure X Copies of IDS Statement (IDS)/PTO-1449						
X Newly executed (original or copy)	13. Preliminary Amendment						
Copy from a prior application (37 CFR 1.63 (d)) b. (for continuation/divisional with Box 18 completed)	14. X Return Receipt Postcard (MPEP 503) (Should be specifically itemized)						
j. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s)	15. X Certified Copy of Priority Document(s) (if foreign priority is claimed)						
named in the prior application, see 37 CFR	16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35						
1.63(d)(2) and 1.33(b).	or its equivalent.						
6. X Application Data Sheet. See 37 CFR 1.76	17. X Other Background Art Information Sheet						
18. If a CONTINUING APPLICATION, check appropriate box, and sup		t,					
or in an Application Data Sheet under 37 CFR 1. 76:  Continuation Divisional Continuation-in-part (CIP)	of prior application No.://						
Priorepplication information: Exeminer	Group Art Unit:						
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion inadvertently omitted from the submitted application parts.							
19. CORRESPONDENCE ADDRESS							
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	ephone Fax						
Name (PrintlType) Glenn J. Perry	Registration No. (Attorney/Agent) 28458						
Signature . L	Date September 16, 200:	ل					

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Applicant claims small entity status. TOTAL AMOUNT OF PAYMENT

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Application Number		P TC				
Filing Date	September 16, 2003					
First Named Inventor	HARUHIKO HORIUCHI	S.				
Examiner Name	UNKNOWN	4 U				
Art Unit		70				
Attorney Docket No.	008312-0305980	13				

METHOD OF PAYMENT (check all that apply)					FEE CALCULATION (continued)					
Check Credit card Money Other None				3. ADDITIONAL FEES Large Entity , Small Entity						
X Deposit	Account:			Fee	Fee	Fee	Fee	For Decembers		
Deposit Account		03-3975		Code		Code		Fee Description	Fee Paid	
Number	<u></u>	U3-3973		1051	130	2051	65	Surcharge - late filing fee or oath		
Deposit Account Name	PILLSB	URY WINTHROP	LLP	1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet		
	ioner is autho	rized to: (check all that app	oly)	1053	130	1053		Non-English specification	<u> </u>	
X Charge fee	(s) indicated be	elow Credit any or	verpayments		2,520	1	2,520	For filing a request for ex parte reexamination	$\vdash$	
Charge any	y additional fee	(s) during the pendency of t	his application	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action		
Charge fee	(s) indicated be	elow, except for the filing t	fee	1805	1,840*	1805	1,840*			
to the above-id	entified deposi	t account.						Examiner action		
<u> </u>	FEE C	ALCULATION		1251	110	2251		Extension for reply within first month		
1. BASIC F	LING FEE			1252	410	2252		Extension for reply within second month		
Large Entity S		For Doordotton	Fee Paid	1253	930	2253		Extension for reply within third month	├ <del></del> -	
F <u>ee Fee</u> Code (\$)	Fee Fee Code (\$)	Fee Description	ree raiu	1254	1,450	2254	725	Extension for reply within fourth month	<del>  </del>	
1001 750	2001 375	Utility filing fee	750.00	1255	1,970	2255	985	Extension for reply within fifth month	<del> </del>	
1002 330	2002 165	Design filing fee	/30.00	1401	320	2401	160	Notice of Appeal	<u> </u>	
1003 520	2003 260	Plant filing fee		1402	320	2402	160	Filing brief in support of an appeal		
1004 750	2004 375	Reissue filing fee		1403	280	2403	140	Request for oral hearing		
1005 160	2005 80	Provisional filing fee		1451	1,510	1451	1,510	Petition to institute a public use proceeding		
•	l ,	SUBTOTAL (1) (\$) 7:	50.00	1452	110	2452	55	Petition to revive - unavoidable		
O EVERA				1453	1,300	2453	650	Petition to revive - unintentional	<u> </u>	
2. EXTRA	CLAIM FEE	S FOR UTILITY AND		1501	1,300	2501	650	Utility issue fee (or reissue)		
		Extra Claims below		1502	470	2502	235	Design issue fee		
Total Claims Independent		r* = [0 X X	- 9	1503	630	2503	315	Plant issue fee		
Claims	3- لــــا	= [0] x	=0	1460	130	1460	130	Petitions to the Commissioner		
Multiple Depe	naent	<u> </u>	ــــــــــــــــــــــــــــــــــــــ	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)		
Large Entity				1806	180	1806	180	Submission of Information Disclosure Stmt		
Fee Fee Code (\$)	Fee Fee Code (\$)	Fee Description		8021	40	8021	40	Recording each patent assignment per property (times number of properties)	40.00	
1202 18 1201 84	2202 9 2201 42		excess of 3	1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))		
1203 280	2203 140	Multiple dependent clai	m, if not paid	1810	750	2810	375	For each additional invention to be		
1204 84	2204 42	** Reissue independent over original patent	claims	1801	750	2801	375	examined (37 CFR 1.129(b)) Request for Continued Examination (RCE)		
1205 18	2205 9	= '		1802	900	1802	900	Request for expedited examination of a design application		
SUBTOTAL (2) (\$) 0.00 Other				fee (sp	ecify) _			<u></u>		
**or numbe		BTOTAL (2) (\$) id. if greater: For Reissues.		*Redi	ced by	Basic	Filing F	ee Paid SUBTOTAL (3) (\$)	40.00	

SUBMITTED BY	(Complete (if applicable)			
Name (Print/Type)	Glenn J. Perry	Registration No. (Attorney/Agent) 28458	Telephone	(703) 905-2161
Signature	July		Date	September 16, 2003

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